

Coyote Valley Specific Plan Transportation Analysis

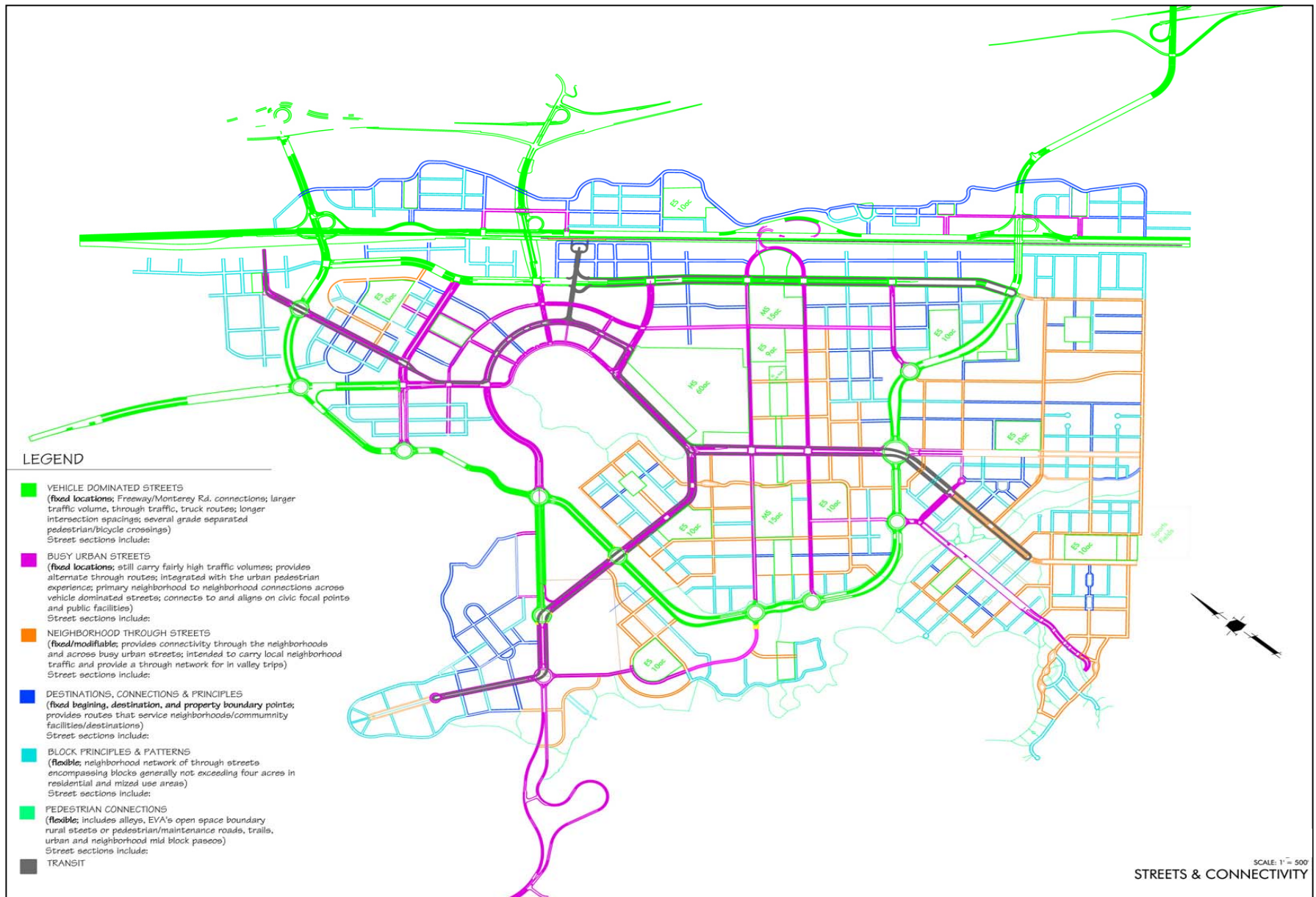


Coyote Valley Specific Plan
Community Meeting
February 23, 2006

Transportation Forecasting Steps

1. Define Land Use and Transportation Plan
2. Prepare Transportation Simulation Forecast
 - Computer Simulation Model
 - Data and Process
3. Analyze Transportation System Performance
 - Local Street System
 - Transit & Non-Auto Modes
 - Freeway System

Step 1: Define Land Use and Transportation Plan



Step 2: Prepare Transportation Simulation Forecast

■ Model (VTP 2030)

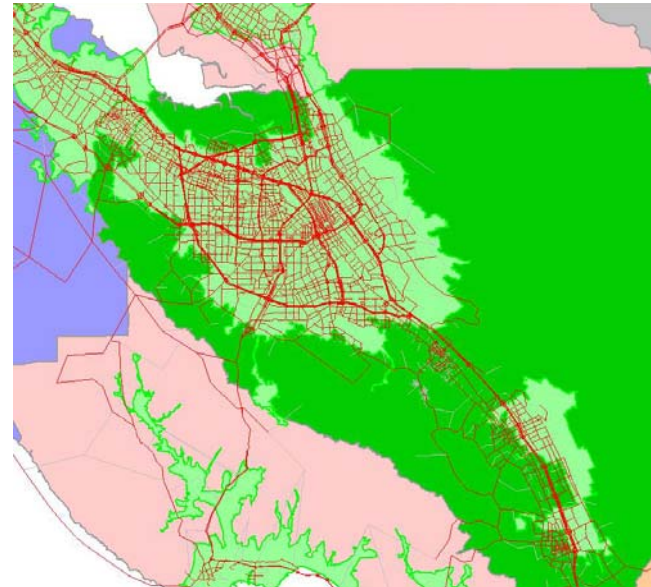
- Includes 3 Regions and 13 Counties
- Validated based on 2000 socio-economic and traffic data

■ Data Sources

- Census
- Employment Development Department
- Dunn & Bradstreet
- Association of Bay Area Governments
- MTC Bay Area Travel Survey (BATS)

■ Process Steps

- Generation
- Distribution
- Mode Split
- Assignment



Step 3: Analyze System Performance

- Freeway



- Transit/Non Auto



- Local Streets

Traffic LOS Definition

- Measure of intersection traffic condition



LOS "A"



LOS "C"

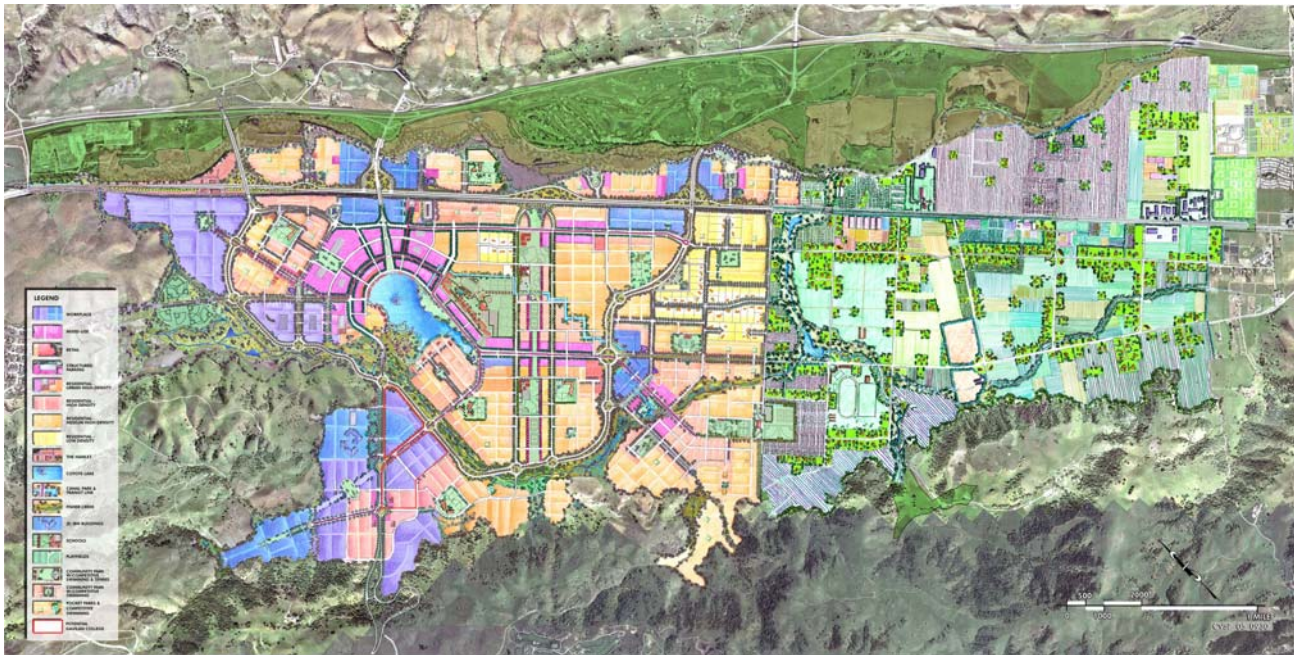


LOS "D"



LOS "F"

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